Info-Hams Digest   Sat, 1 Jan 94   Volume 93 : Issue 1530

Today's Topics:
         Amateur Radio: Changes to Elmers Resource Directory
          Amateur Radio: Elmers List Info and Administrivia
            Amateur Radio: Elmers List Quick-Search Index

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 1 Jan 1994 12:00:41 GMT
From: usc!sol.ctr.columbia.edu!news.unomaha.edu!news@network.ucsd.edu
Subject: Amateur Radio: Changes to Elmers Resource Directory
To: info-hams@ucsd.edu

Posted-By: auto-faq 3.1.1.4
Archive-name: radio/ham-radio/elmers/diff

(Note: This diff file is taken from the list body only.)

/usr/bin/diff -c (last month's) (this month's)

*** /u3/pschleck/faq/elmers/list.body.old Wed Dec 1 06:03:34 1993
--- /u3/pschleck/faq/elmers/list.body.new Sat Jan 1 06:00:03 1994
****
*** 1,4 ****
! Amateur Radio Elmers Resource Directory (as of 12/01/93)
  +++

  David Andrews ZL2SX

```
--- 1,4 ----
! Amateur Radio Elmers Resource Directory (as of 01/01/94)
  +++++++++++++++++++++++++++++++++++++++++++++++++++++

  David Andrews ZL2SX
***************
*** 69,74 ****
--- 69,87 ----

  +++++++++++++++++++++++++++++++++++++++++++++++++++++

+ Ken Bass  K4EVH
+
+ bassanco@access.digex.net
+
+ Licensed since 1959.
+
+ Experience in presently mostly Microsats, but I have experience on Modes A,
+ B, J, and Oscars.  I have concentrated on "cheap" and low-power setups, like
+ my Microsat setup using in-the-attic homebrew/Radio Shack omnidirectional
+ antennas.
+
+ +++++++++++++++++++++++++++++++++++++++++++++++++++++
+
    """"""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""
  Brian Battles, WS1O  I Tel     203-666-1541, x222 I
  QST Features Editor  I Fax     203-665-7531       I "Stamp out sex:
***************
*** 159,164 ****
--- 172,195 ----

  +++++++++++++++++++++++++++++++++++++++++++++++++++++

+ NETWORKS IN EMERGENCY MANAGEMENT ("Nets") DIGEST
+
+ "Networks In Emergency Management" is a moderated forum on the
+ use of computer networks and networked computers in the practice of
+ emergency management.
+
+ To join the "nets" mailing list, please send e-mail to
+ "nets-request@oes.ca.gov" with the word "subscribe" in the text
+ of the message.  To remove yourself from the list, send mail to
+ that same address with the word "unsubscribe" in the text.
+
+ - Art Botterell
+   acb@oes.ca.gov
+   (916) 262-1600 (in emergencies)
+   California Office of Emergency Services
```

```
+
+ +++++++++++++++++++++++++++++++++++++++++++++++++++++
+
  Curtis Braun (curtis@computronics.com) (N2HKD)
  Computronics, POBOX 1002 Fairport,NY 14450
  Guest@Digital Telstar,Network Operations Center Kodak
***************
*** 232,238 ****
        (602) 870-3330           !'s:{ames!ncar!noao!asuvax,mcdphx}!anasaz!rusty
  @'s: rusty@anasazi.com         LastResort: rusty%anasaz.UUCP@asuvax.eas.asu.edu
  Join the Usenet Un-Net:        1700-1900Z  Saturdays, 28.410 or 28.390 MHz
- EEK! The 1992 Summer Callsign Project lives! Details: Fred.Lloyd@West.Sun.COM

  I'm willing to act as a reference for anyone wanting info on getting
  tapes (especially Callsign tapes) from the Department of Commerce
--- 263,268 ----
***************
*** 385,390 ****
--- 415,426 ----
  Digital Signal Processing (DSP)
  Electrical and Electronics Engineering

+ The UMARA is running a World-Wide Web hypertext page at:
+
+ URL: http://w3eax.umd.edu/w3eax.html
+
+ Give it a try!
+
  +++++++++++++++++++++++++++++++++++++++++++++++++++++

          Kim Elmore, N5OP
***************
*** 457,462 ****
--- 493,514 ----

  +++++++++++++++++++++++++++++++++++++++++++++++++++++

+ F. Kevin Feeney  WB2EMS
+ Network Video Engineer
+ 172 Caldwell Hall
+ Cornell University
+ Ithaca, NY 14853-2602
+ Phone - (607) 255-5186
+ FAX - (607) 255-5771
+ EMAIL - fkf1@cornell.edu
+
+ Pactor, Satellites, and Amateur Television
+
```

```
+ I'd like to hear from people with Pactor experience, maybe even make a
+ sched with someone for a maiden Pactor QSO.
+
+ +++++++++++++++++++++++++++++++++++++++++++++++++++++
+
  Reciprocal Licensing (South Pacific)
  VHF (Propagation, Power Amplifiers)
  Satellites (Project Oscar)
***************
*** 661,667 ****

  FIELDORG is an electronic mail reflector dedicated to hams interested
  in any and all types of ARRL Field Organization matters.  To subscribe,
! send an E-mail message to my address above.

  +++++++++++++++++++++++++++++++++++++++++++++++++++++

--- 713,719 ----

  FIELDORG is an electronic mail reflector dedicated to hams interested
  in any and all types of ARRL Field Organization matters.  To subscribe,
! send an E-mail message to FIELDORG-REQUEST@world.std.com.

  +++++++++++++++++++++++++++++++++++++++++++++++++++++

***************
*** 734,739 ****
--- 786,816 ----

  +++++++++++++++++++++++++++++++++++++++++++++++++++++

+ Steven M. Knapp  KA9QOA                      Computer Engineering Senior
+ sknapp@iastate.edu            Vice President Cyclone Amateur Radio Club
+ Iowa State University; Ames, IA        Durham Center Operations Staff
+
+ A few members of our ham radio club were interested in helping out.
+ Since our turnover is usually 4 years or so (graduation is a horrible
+ thing), I thought it may be difficult for us to keep the list up to
+ date. I thought that by creating a local mailing list called
+ "elmers@iastate.edu" we could add or remove people as need be. There
+ would always be at least one person receiving mail on that list,
+ usually more! Even after I graduate, this list will be maintained
+ allowing ISU hams to easily help others.
+
+ Currently we have people with packet experience, some HF experience,
+ much repeater experience, in addition to a considerable background in
+ theory, as many here are electrical engineering or computer engineering
+ students. If a question can not be answered by the readers of the list,
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+ there are many other local hams that could be prodded for the info.
+
+ Our local ham radio club has been especially interested in helping local
+ disabled hams (or hams to be) get on the air. But anyone local who
+ needed help would find a group at their door ready to work.
+
+ ++
+

  I'll be glad to help out with tube circuits and VE testing.
  (W5YI VE# 3182)

****
*** 845,850 ****
--- 922,945 ----

  An acknowledgement/welcome message should follow very shortly.

+ Owner of the PBBS Bulletin Forwarding Mailing List
+
+ The purpose of this list is to provide Sysops and Networkers a server in
+ which to forward bulletins and also discuss forwarding problems and obtain
+ forwarding partners. This server is also for the exchange of general
+ information relevant to all Amateur Related PBBS software packages available
+ today.
+
+ To Add Yourself To This List, Please Send Electronic Mail To:
+
+   listserv@stat.com
+
+ And Include The Command:
+
+   subscribe bull-fwd
+
+ As The First Line of Your Message.
+

  ++

  John Monson WB0PLW, AAA9EC
****
*** 890,895 ****
--- 985,999 ----

  Civil Air Patrol

+ Co-Host - Ham Radio and More
+
+ Ham Radio and More is available for free to any AM station that is
+ willing to run it with national ads intact. If you want there to be a

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+ nationwide amateur radio talk show, call your local station and ask
+ them to get the program. They don't have to be part of the Talk America
+ network. They can call KFNN in Phoenix (602-241-1510) or Talk America at
+ 508-460-0588.
+
  +++++++++++++++++++++++++++++++++++++++++++++++++++++

  Tom Moore   K1KAY
***************
*** 1221,1226 ****
--- 1325,1346 ----
  - plus all around source of information about communications

  Maintainer of Macintosh Amateur Radio Software List
+
+ +++++++++++++++++++++++++++++++++++++++++++++++++++++
+
+ Bill Standerfer                       *        Hewlett-Packard Company
+ CFI-A, IA, ME                         *        VXI Systems Division
+ bills@lvld.hp.com                     *        Loveland, CO  80539
+ Baron N222AB - KF0DJ - Pikes Peak 253 *        303-679-2378
+
+ I'm certainly willing to be an Elmer if there's a need.  I hope I've learned a
+ few things in 27 years on the air. :-)  Here's a list of subjects I might be
+ able to help with:
+
+ Antennas
+ General Operating Practices
+ Older (Tube) Equipment
+ Test Equipment and Measurements

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--
73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu (personal mail)
elmers-request@unomaha.edu (Elmers List administrivia)

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Date: Sat, 1 Jan 1994 12:00:09 GMT
From: usc!sol.ctr.columbia.edu!news.unomaha.edu!news@network.ucsd.edu
Subject: Amateur Radio: Elmers List Info and Administrivia
To: info-hams@ucsd.edu

Posted-By: auto-faq 3.1.1.4
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This administrivia file and the companion Amateur Radio Elmers Resource
Directory are intended for non-commercial distribution via Usenet. Any
other uses, please E-mail for permission.

A Brief Historical Overview:
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If there is any one constant in the changing state of the communications
art, it is that "Hams" (Amateur Radio Operators) have always been on
the forefront of it. Rumors abound where the term "Ham" came from.
Some of the more amusing are described at the end of this article.

Regardless of origin of the name, a "Ham" is universally recognizable as
one who experiments in radio and communications.

Whether it be constructing a low-power CW radio with vacuum tubes, or
designing TCP/IP packet networks, such experimentation has historically
spilled over into the mainstream such as was the case with Edwin
Armstrong, who developed the regenerative oscillator and FM radio, or
General Curtis LeMay (W6EZV) who was instrumental in making Single-
Sideband the communications standard for the Strategic Air Command
(1947-1992, now reorganized into a joint command called USSTRATCOM) and
eventually the U.S. Air Force. Although packet-switching techniques
originated from DARPA (Defense Advanced Research Projects Agency) and
the ARPANet, no one can deny the tremendous influence that amateurs
have had in demonstrating the viability of TCP/IP and AX.25
communications via radio links. The efforts of AMSAT (the Amateur
Satellite Corporation), including the development of many ham satellites
and the low-orbiting Microsats (communications satellites no bigger than
a breadbox that use store-and forward packet techniques), have certainly
advanced the state-of-the-art in communications, one of the defined
purposes of the Amateur Radio Service, as recognized by international
treaty.

Since in many cases hams are writing "the book", there is often no
"book" or other established reference for a beginner to refer to.
Traditionally, information has been passed on from ham to ham via word-
of-mouth. Like many of the traditional crafts, a variation of the
Master-Apprentice system has emerged, the Elmer-Novice relationship.
Called "Elmers" because they are usually older and wiser, having the
benefit of many years in the hobby, including several failed projects,
and an electric shock or two, they have traditionally been the mainstay
of amateur radio, and the source of many new hams, particularly those
interested in working on emerging technologies.

Even more importantly, Elmers provided an outlet for the impatient
newcomer who wanted "to know everything, and right away." Faced with
such a request, a good Elmer will smile and proceed to lead the novice
through some project or operating experience. Several hours, days, or
weeks later, the novice would have his answers, but would have earned
them. Even better, the sense of accomplishment would boost the novice's
confidence and nudge him or her down the road to being a model,
experienced ham operator.

Many present hams feel that such an experience is missing today. In
today's hustle-bustle world, the response to such natural curiosity and
desire to learn is, more often than not, "I'm too busy" or "RTFM." As a
result, the quality of new hams declines and the knowledge and operating
habits they develop in their first formative months and years leave much
to be desired. And the very same hams who claim that they "can't
understand the new generation" also, in almost the same breath, lament
about the "decline of amateur radio."

What is an Elmer today?
+++++++++++++++++++++++

An Elmer today is of any age, male or female, who has some expertise and
is willing to share it with beginners. Elmers don't even need to be
licensed amateurs, just people with knowledge in some area of
electronics or communications technology.

What is a Usenet Elmer?
+++++++++++++++++++++++

With the ever-widening scope of the Internet, and the amateur radio
newsgroups on Usenet, the potential for Elmers to share their
knowledge to a wide audience has never been greater. To that end, I
have started to maintain a list of such Elmers. Volunteers need only
send me their name, E-mail address, and area of expertise. I have set
up an administrivia mailbox for this purpose (elmers-request@
unomaha.edu, the default Reply-To: of this message).

Those desiring a more extensive list, or who need more specific
assistance, are encouraged to contact Rosalie White, WA1STO, Educational
Services Manager at the American Radio Relay League, 225 Main St.,
Newington, CT 06111 or via electronic mail addressed to
rwhite@arrl.org.

How may I obtain the latest copy of the Elmers List?
++

There are currently 7 ways of obtaining the Elmers List. Any site

at least reachable by Internet E-mail can use options 3 or 4:

1. Usenet News: The latest copy of the list can be found in the
companion posting to this message, "Amateur Radio: Elmers Resource
Directory." Since the list is cross-posted to rec.radio.amateur.misc,
rec.radio.info, rec.answers, and news.answers on the 1st of each month,
with an expiration date 6 weeks into the future, there should always be
a copy available at most news sites. Check your newsreader
documentation for information about reading previously-read articles.

2. Anonymous FTP: If your site is directly connected to the Internet,
you may retrieve the latest copy via File Transfer Protocol (FTP) from
the following sites:

ftp.cs.buffalo.edu /pub/ham-radio/elmers*
rtfm.mit.edu   /pub/usenet/news.answers/radio/ham-radio/elmers/*

3. Mailing-List: Since the list is cross-posted to rec.radio.info, the
latest copy may be obtained from the mailing-list gateway for that
newsgroup (along with many other informational articles about radio)
when it is published each month. To subscribe, send E-mail to:

listserv@ucsd.edu

and in the BODY (not the Subject) of the message, write:

subscribe radio-info

The server may not be able to determine your return address. In that
case write:

subscribe radio-info (your E-mail address)

You should get an acknowledgement very shortly.

4. Mail-Server: If you don't want to read through the entire gateway
of rec.radio.info, or want a copy of the list right away, send E-mail
to:

mail-server@rtfm.mit.edu

and in the BODY (not the Subject) of the message, write:

send usenet/news.answers/radio/ham-radio/elmers/admin
send usenet/news.answers/radio/ham-radio/elmers/index
send usenet/news.answers/radio/ham-radio/elmers/list
send usenet/news.answers/radio/ham-radio/elmers/diff

and the latest copy of the list should be sent to you E-mail within 24
hours (the mail-server uses batch priority to reduce system demand).

The last three services are experimental. I'm not terribly familiar
with them, and cannot offer much technical support regarding their use.
(I'd appreciate feedback on whether or not you find them useful,
though.)

5. Internet Gopher: The latest copy of the list should be available
from the following Gopher sites, all at standard port 70:

    cc1.kuleuven.ac.be
    jupiter.sun.csd.unb.ca
    gopher.univ-lyon1.fr
    ftp.win.tue.nl
    gopher.win.tue.nl

see also comp.infosystems.gopher

6. World-Wide Web (WWW): The latest copy of the list should be available
from the following WWW site:

URL: http://www.cis.ohio-state.edu:80/hypertext/faq/usenet

under pages:

radio/ham-radio/elmers/admin
radio/ham-radio/elmers/index
radio/ham-radio/elmers/list
radio/ham-radio/elmers/diff

see also comp.infosystems.www

7. Wide-Area Information Service (WAIS): The latest copy of the list
should be available from the WAIS server at rtfm.mit.edu (standard port
210) in database "usenet."

see also comp.infosystems.wais

How may I contribute to the Elmers List?
+++

By using this resource, you are benefitting the net by obtaining
assistance in the fastest and most efficient way possible. By
volunteering to appear on this list, you are contributing to the good
reputation of the radio-related newsgroups.

Thanks to all the volunteer Elmers, as well as courteous list users, for

making this service a success.

--
73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu (personal mail)
elmers-request@unomaha.edu (Elmers List administrivia)

* Possible origins of the word HAM:

The acronym "Home Amateur Mechanic" or...

from the Cockney pronunciation of "L'amateur" or...

the initials of the founder of the American Radio Relay League, Hiram
Maxim, W1AW (his actual middle name being Percy apparently
notwithstanding) or...

from the call letters of one of the first amateur stations at Harvard,
H.A.M. (please, no flames from W1XM at MIT)

Dale Mosby, N7PEX, offers the explanation that HAM must stand for "Hardly
Any Money," considering the investment one could make in the hobby.

Knowledgeable individuals from the American Radio Relay League (ARRL),
and other radio historians, seem to agree that the terms "Ham" and "Lid"
(an inept operator) both originated with landline telegraphy. A "Ham"
was a show-off and a "Lid" was a telegraph operator so inexperienced, he
had to use a pot or can lid to rest his telegraph sounder on to properly
copy the code.

As an interesting historical footnote, early telegraph operators may
have been the first to experience the infamous curse of our
communications age, Repetitive Stress (or "Carpal Tunnel") Syndrome
(called "Glass Arm" in those days, which encouraged the invention of the
semi-automatic or "bug" key).

(Larry E. McDonald, N6ZMB, wrote to point out another plausible origin,
which doesn't necessarily contradict the ARRL version. The term "ham"
may have been derived from "ham-fisted" or "ham-handed" to describe poor
telegraph operators who were hired from the ranks of radio operators.
Or maybe "ham-fisted" and "ham-handed" are derived from "ham." Who
knows?)

Date: Sat, 1 Jan 1994 12:00:20 GMT
From: usc!sol.ctr.columbia.edu!news.unomaha.edu!news@network.ucsd.edu

Quick Search Index by Subject:

(Note: This index is not necessarily all-inclusive and some Elmers are
listed more than once.)

AMATEUR RADIO EMERGENCY SERVICE
  (ARES)/RADIO AMATEUR CIVIL
  EMERGENCY SERVICE (RACES)

  Botterell (Networks in Emergency
    Management Mailing List)
  Chilton (EMA Radio Officer)
  Engehausen (RACES Bulletins)
  Humphries (ex-Asst. EC)
  Hurder (ARRL Field Services)
  Magid
  Stader (EMAS SEC)
  Wilson

AMATEUR TELEPRINTER OVER RADIO
  (AMTOR)/PACKET TELEPRINTER OVER
  RADIO (PACTOR)/RADIO TELETYPE (RTTY)

  Battles
  Doane
  Feeney (PACTOR)
  Freeman, J (AMTOR and PACTOR)
  Graham, P
  Sayer (also decoding CHU's
    ASCII time code)

AMERICA ON-LINE

  Stader (Host,
    Ham Radio Club forum)

AMERICAN RADIO RELAY LEAGUE
  (ARRL)

  Battles (QST Features Editor)
  Bloom (ARRL HQ Postmaster,

MAILING LISTS

    Botterell (Networks in Emergency
      Mangement)
    Engehausen, et al (AA4RE Packet
      BBS)
    Dodell (Land-Mobile Radio)
    Freeman, M (ACC Equipment)
    Hurder (ARRL Field Organization)
    Kluft (rec.radio.amateur
      Working Group)
    Knapp, et al (Iowa State Elmers)
    Prescott (Antique and Older
      Tube Equipment)
    Meredith (F6FBB Packet BBS, PBBS
      Bulletin Forwarding)
    Nerenberg (DX)
    Schleck, et al (College Clubs)
    Walker, et al (QRP)

MILITARY AFFILIATE RADIO SYSTEM
  (MARS)

    Doane (Navy)
    Miller (Air Force)
    Monson (Army)
    Sargent (Army)
    Taylor (Air Force)
    Welch, J (Navy/Marine Corps)
    Welch, V (Navy/Marine Corps,
      list of MARS members on the
      Internet, tentative BBS
      conference)

MICROWAVE

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  QEX Editor)                            Graham, P (1.2 Ghz repeaters)
Doane (CT SM)                            Hammill
Elmore (CO TC)                           Jahnke (SSB/CW SHF Contesting)
Hare (Laboratory Manager)                Lau (Transverters up to
Hurder (Field Services Deputy              24 Ghz)
  Manager)                               Sargent (3, 5, and 10 Ghz)
Jahnke (VEC Manager)
Lau (Technical Editor)                 MOBILE
Redding (Educational Advisor)
Stader (EMAS SEC)                        Carruth (FM and HT's)
Turner (Volunteer Counsel)               Hare (RFI issues)
Wilson (SCV SM)                          Humphries
                                         Keller (HF)
ANTENNAS                                 Salmon (Maritime)
                                         Sargent
  Brewer (wire HF)                       Salyzyn (HF CW)
  Billson (HF)
  Brubaker (HF)                        NATIONAL TRAFFIC SYSTEM (NTS)
  Elmore
  Freeman, J (wire HF and 160m)          Doane
  Graham, J (wire HF for                 Elmore
    apartments)                          Hurder (ARRL Field Services)
  Halbert (simple designs)               Salyzyn (Canada)
  Humphries (VHF and multi-band          Sargent
    wire arrays)                         Zurn (Europe)
  Myers (and transmission
    lines)                             NOVICE/TECH INSTRUCTION
  Ornitz (including computer
    modelling)                           Billson
  Potter                                 Bono (AutoExam/AutoCW)
  Rymell                                 Carlson (Macintosh Hamstacks)
  Salnick                                Chilton
  Salyzyn                                Knapp, et al
  Standerfer                             Larson
  Stine (wire HF)                        Magid
  Stockton                               Maia
  Taylor                                 Myers (including basic
  Zurn (wire HF)                           electronics and communications
                                           theory)
ANTIQUE AND OLDER EQUIPMENT              Redding
                                         Reeves
  Brewer (40's-70's)                     Salmon
  Keys (including HF and CW)             Stader
  Prescott (Mailing List)
  Moore, T (VHF)
  Standerfer                           PACKET
  Turner (including Kenwood and
    Ten-Tec)                             Angus (TCP/IP, NOS, UUPC,
                                           Tnet, and SNEWS, IP
```

APPLE MACINTOSH COMPUTER

  Braun
  Carlson (Macintosh Hamstacks)
  Ehrlich (FTP archive)
  Stader (List of Macintosh
    Amateur Radio Software)
  Van Peursem (Savant)

BATTERIES

  Hammill (Sealed Lead-Acid)
  Meyers
  Stuart (including Ni-Cads)

CALLSIGN PROJECT/NATIONAL TECHNICAL
  INFORMATION SERVICE (NTIS)

  Carruth
  Lloyd (including QRZ Ham-Radio
    CD-ROM)

CIVIL AIR PATROL (CAP)

  Carlson
  Moore, J

COLLEGE CLUBS

  Edwards
  Knapp, et al
  Schallehn
  Schleck (et al, Mailing List)

COMMERCIAL EQUIPMENT

  Dodell (Mailing List)

CW (MORSE CODE)

  Bono (AutoCW)
  Elmore
  Keys
  Rosenfeld
  Salyzyn
  Squicciarini
  Stine

    Coordinator for CA - LA
    and SF Valley subnet)
  Battles (AX.25 and TCP/IP)
  Bloom (IP Coordinator for
    Connecticut subnet)
  Braun (TCP/IP, Macintosh, IP
    Coordinator for WNY subnet)
  Cole (TCP/IP and NOS)
  Dodell (IP Coordinator for
    Arizona subnet)
  Elmore (including TCP/IP)
  Engehausen, et al (AA4RE Packet
    BBS and Mailing List)
  Freeman, J (KAM, TCP/IP, NOS for
    DOS and OS/2)
  Graham, J (KAMterm)
  Graham, P (VHF)
  Knapp, et al
  Meredith (AZ Packet Coordinator,
    F6FBB Packet BBS Mailing List,
    PBBS Bulletin Forwarding Mailing
    List)
  Salyzyn (Canadian)
  Sargent
  Sayer (VHF)
  Schallehn (Kantronics)
  Stader (TCP/IP and Macintosh)
  Vail (TCP/IP, TAPR/9600, IP
    Coordinator for East/Central
    Massachusetts subnet)
  Van Peursem (Savant and
    Macintosh)

MEDIA (PUBLICATION/WRITING/
  BROADCATING)

  Battles (QST)
  Bloom (QEX)
  Lau (QST/QEX)
  Moore (Co-Host, Ham Radio and More)

PART-15 BROADCASTING

    Ornitz

POWER SUPPLIES

    Myers

Stockton
Tescher (Computer Programs)
Zurn (including European
   abbreviations)

DIGITAL SIGNAL PROCESSING (DSP)

  Bloom
  Edwards

EQUIPMENT TESTING/TROUBLESHOOTING

  Billson
  Brewer (Tube Gear)
  Freeman, J (PC ISA Bus)
  Hare (ARRL Laboratory Manager)
  Myers
  Ornitz (Instrumentation)
  Rymell (Electronics and Computer
     Service Work)
  Salnick
  Salyzyn
  Standerfer
  Stockton
  Taylor
  Tescher
  Witte (Instrumentation)

FREQUENTLY ASKED QUESTIONS (FAQ's)

  Bloom (ARRL E-mail and Info Server)
  Cheeseman (Australia)
  Jahnke (VE Exams Scheduled)
  Kluft (General)
  Salyzyn (Radio Amateurs on Usenet,
     rec.radio.info Moderator)
  Stader (Macintosh Amateur Radio
     Software)
  Watt (Packet and Digital Modes,
     On-Line Repeater Directory)
  Woods (Mail Order Electronics)

HANDICAPPED OPERATING

  Billson
  Doane
  Hurder
  Knapp, et al

Stuart

PRODUCT INFO/FEEDBACK

  Appell (Alinco and Yaesu)
  Freeman, M and Shirley (Advanced
     Computer Controls - ACC)

QRP (LOW POWER)

  Billson
  Halbert (HF)
  Sargent (VHF)
  Stockton
  Turner (including Ten-Tec
     Argonaut)
  Walker, et al (Mailing List)
  Zurn

RADIO FREQUENCY INTERFERENCE (RFI)

  Elmore
  Graham, P (including PC's)
  Hare (including Automotive)
  Myers
  Stockton
  Witte

RECIPROCAL LICENSING/FOREIGN OPERATION

  Andrews (New Zealand)
  Flaherty (South Pacific)
  Levine (Australia and Japan)
  Salmon
  Salyzyn (Canada)
  Stockton (UK)
  Zurn (Italy and Germany)

REPEATERS

  Battles
  Chilton
  De Armond
  Graham, P (including 1.2 Ghz)
  Keller (220 Mhz)
  Knapp, et al
  Schallehn (VHF/UHF)
  Witte

HIGH FREQUENCY (HF)/
  CONTESTING/DX

  Battles
  Brubaker
  Chilton
  Elmore
  Knapp, et al
  Nerenberg (DX Mailing List)
  Rosenfeld (including practical
    QSLing tips)
  Salmon (including DXpeditions)
  Salnick
  Squicciarini
  Tidd (DXCC Databases)
  Zurn

HOMEBREWING/DO-IT-YOURSELF

  Billson (6809 uP)
  Bloom (including DSP)
  Carruth (Digital Design,
    Software)
  Chilton
  De Armond
  Edwards (including DSP)
  Halbert (QRP)
  Keys (Junk Box projects)
  Kohnen (Tubes)
  Lau (Transverters, VHF/UHF,
    Filters, repeatable projects)
  Myers (Transmission Lines,
    Analog and Digital Design)
  Moore, T (Junk Box projects)
  Rymell (Electronics and Computers,
    Low-Cost projects)
  Salyzyn
  Stine (Tube Amplifiers,
    Receivers, and Exciters)
  Stockton (including QRP)
  Stuart (Batteries and Power
    Supplies)
  Taylor (Tubes and Amplifiers)
  Tescher

IBM PERSONAL COMPUTER (PC) AND
  CLONES

SATELLITES

  Bass (including low-cost, QRP
    Microsat stations)
  Feeney
  Flaherty (including OSCAR)

SEMINARS/LECTURES

  Humphries
  Redding
  Stuart (Batteries and Power
    Supplies)

TANDY COLOR COMPUTER AND OS-9

  Billson

TELEVISION, FAST-SCAN (ATV)

  Chilton
  Feeney
  Hammill

TELEVISION, SLOW-SCAN (SSTV)

  Langner

UNIX

  Carruth (System Administration)
  Cole (including Linux)
  Ehrlich
  Freeman, J
  Sayer (especially SunOS)
  Tescher
  Van Peursem (HP-UX and System
    Administration)

VERY HIGH FREQUENCY (VHF)/
  ULTRA HIGH FREQUENCY (UHF)

  Battles
  Carpenter (6 meters)
  Flaherty (including Amplifiers)
  Graham, P (Commercial Rig
    Conversions)

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     Angus                          Hammill (including ATV and DX)
     Bono (AutoExam, et al)         Humphries (2m FM)
     Braun                          Jahnke (CW/SSB Contesting and
     Cole                             Weak Signal)
     Ehrlich                        Lau (CW/SSB to 222 Mhz)
     Freeman, J (including OS/2 and Moore, T
       ISA bus)                     Sargent (2 and 6 meter AM and
     Keller                           Contesting)
     Tescher                        Witte (including Portable
                                      and Mountaintopping)

   INTERNET SERVICES               VOLUNTEER EXAMINER (VE) PROGRAM

     Schleck                         Billson
                                     Carlson (W5YI)
   MAIL-SERVERS/ARCHIVES            Jahnke (ARRL VEC Manager)
                                     Kohnen (W5YI)
     Bloom (ARRL Info Server)       Maia (W5YI VEC)
     Deignan (Buckmaster CD-ROM)    Reeves
     Ehrlich (Boston ARC FTP archive) Rosenfeld (W5YI)
     Harding (Ham Server)           Salmon (Sunnyvale)
     Shirley (ACC Equipment)        Sternitzke (W5YI Asst. VEC)



   --
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   End of Info-Hams Digest V93 #1530
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